

=====

Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2009; month=7; day=28; hr=15; min=13; sec=31; ms=573;]

=====

Application No: 10594674

Version No: 2.1

Input Set:**Output Set:****Started:** 2009-07-28 15:06:55.206**Finished:** 2009-07-28 15:06:56.879**Elapsed:** 0 hr(s) 0 min(s) 1 sec(s) 673 ms**Total Warnings:** 61**Total Errors:** 0**No. of SeqIDs Defined:** 61**Actual SeqID Count:** 61

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
W 213	Artificial or Unknown found in <213> in SEQ ID (16)
W 213	Artificial or Unknown found in <213> in SEQ ID (17)
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20)

Input Set:

Output Set:

Started: 2009-07-28 15:06:55.206
Finished: 2009-07-28 15:06:56.879
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 673 ms
Total Warnings: 61
Total Errors: 0
No. of SeqIDs Defined: 61
Actual SeqID Count: 61

Error code

Error Description

This error has occurred more than 20 times, will not be displayed

SEQUENCE LISTING

<110> Universite Bordeaux 2
Mossalayi, Mohamad Djavad
Moynet, Daniel
Vincendeau, Philippe

<120> Peptides and Peptidomimetics binding to CD23

<130> 604-790

<140> 10/594,674

<141> 2007-02-13

<150> PCT/IB2005/001133

<151> 2005-04-05

<150> EP04290899.6

<151> 2004-04-05

<160> 61

<170> PatentIn version 3.2

<210> 1

<211> 7

<212> PRT

<213> Artificial

<220>

<223> CD23 binding peptide

<400> 1

Phe His Glu Asn Trp Pro Ser
1 5

<210> 2

<211> 7

<212> PRT

<213> Artificial

<220>

<223> CD23 binding peptide

<400> 2

Phe His Glu Phe Trp Pro Thr
1 5

<210> 3

<211> 7

<212> PRT

<213> Artificial

<220>
<223> CD23 binding peptide

<400> 3

Phe His Ser Gln Trp Pro Asn
1 5

<210> 4
<211> 6
<212> PRT
<213> Artificial

<220>
<223> CD23 binding peptide

<400> 4

Phe His Glu Asn Trp Pro
1 5

<210> 5
<211> 7
<212> PRT
<213> Artificial

<220>
<223> CD23 binding peptide

<400> 5

Phe His Glu Asn Trp Pro Thr
1 5

<210> 6
<211> 7
<212> PRT
<213> Artificial

<220>
<223> CD23 binding peptide

<400> 6

Phe His Glu Gln Trp Pro Ser
1 5

<210> 7
<211> 6
<212> PRT
<213> Artificial

<220>

<223> CD23 binding peptide

<400> 7

His Glu Asn Trp Pro Ser

1 5

<210> 8

<211> 6

<212> PRT

<213> Artificial

<220>

<223> CD23 binding peptide

<400> 8

His Lys Asn Trp Pro Ser

1 5

<210> 9

<211> 7

<212> PRT

<213> Artificial

<220>

<223> CD23 binding peptide

<400> 9

His Glu Asn Trp Pro Ser Phe

1 5

<210> 10

<211> 7

<212> PRT

<213> Artificial

<220>

<223> CD23 binding peptide

<400> 10

Phe His Lys Pro Trp Arg Ala

1 5

<210> 11

<211> 21

<212> DNA

<213> Artificial

<220>

<223> nucleotide sequence encoding CD23 binding peptide

<400> 11	
tttcatgaga attggccttc g	21
<210> 12	
<211> 21	
<212> DNA	
<213> Artificial	
<220>	
<223> nucleotide sequence encoding CD23 binding peptide	
<400> 12	
tttcatgagt tttggcctac c	21
<210> 13	
<211> 21	
<212> DNA	
<213> Artificial	
<220>	
<223> nucleotide sequence encoding CD23 binding peptide	
<400> 13	
tttcattcgc agtggcctaa c	21
<210> 14	
<211> 18	
<212> DNA	
<213> Artificial	
<220>	
<223> nucleotide sequence encoding CD23 binding peptide	
<400> 14	
tttcatgaga attggcct	18
<210> 15	
<211> 21	
<212> DNA	
<213> Artificial	
<220>	
<223> nucleotide sequence encoding CD23 binding peptide	
<400> 15	
tttcatgaga attggcctac c	21
<210> 16	
<211> 21	
<212> DNA	
<213> Artificial	

<220>
 <223> nucleotide sequence encoding CD23 binding peptide

<400> 16
 tttcatgagc agtggccttc g 21

<210> 17
 <211> 18
 <212> DNA
 <213> Artificial

<220>
 <223> nucleotide sequence encoding CD23 binding peptide

<400> 17
 catgagaatt ggccttcg 18

<210> 18
 <211> 18
 <212> DNA
 <213> Artificial

<220>
 <223> nucleotide sequence encoding CD23 binding peptide

<400> 18
 cataagaatt ggccttcg 18

<210> 19
 <211> 21
 <212> DNA
 <213> Artificial

<220>
 <223> nucleotide sequence encoding CD23 binding peptide

<400> 19
 catgagaatt ggccttcggtt t 21

<210> 20
 <211> 21
 <212> DNA
 <213> Artificial

<220>
 <223> nucleotide sequence encoding CD23 binding peptide

<400> 20
 tttcataagc cttggagggc c 21

<210> 21

<211> 7
<212> PRT
<213> Artificial

<220>
<223> CD23 binding peptide

<400> 21

Phe His Glu Ser Trp Pro Pro
1 5

<210> 22
<211> 7
<212> PRT
<213> Artificial

<220>
<223> CD23 binding peptide

<400> 22

Phe His Glu Phe Trp Pro Leu
1 5

<210> 23
<211> 7
<212> PRT
<213> Artificial

<220>
<223> CD23 binding peptide

<400> 23

Phe His Ser Gln Trp Pro Gly
1 5

<210> 24
<211> 6
<212> PRT
<213> Artificial

<220>
<223> CD23 binding peptide

<220>
<221> misc_feature
<222> (4)..(4)
<223> Xaa can be tetrahydroisoquinoline-3-carboxylic
acid, 4' indolyl alanine, or beta tryptophan

<400> 24

His Glu Asn Xaa Pro Ser

1 5

<210> 25

<211> 6

<212> PRT

<213> Artificial

<220>

<223> CD23 binding peptide

<400> 25

His Asn Glu Trp Pro Ser

1 5

<210> 26

<211> 5

<212> PRT

<213> Artificial

<220>

<223> CD23 binding peptide

<400> 26

His Glu Asn Trp Pro

1 5

<210> 27

<211> 6

<212> PRT

<213> Artificial

<220>

<223> CD23 binding peptide

<400> 27

His Glu Pro Trp Arg Ser

1 5

<210> 28

<211> 6

<212> PRT

<213> Artificial

<220>

<223> CD23 binding peptide

<400> 28

His Pro Asn Trp Arg Ser
1 5

<210> 29

<211> 6

<212> PRT

<213> Artificial

<220>

<223> CD23 binding peptide; all amino acids are D-form

<400> 29

Ser Pro Trp Asn Glu His
1 5

<210> 30

<211> 6

<212> PRT

<213> Artificial

<220>

<223> CD23 binding peptide

<400> 30

His Cys Asn Trp Cys Ser
1 5

<210> 31

<211> 6

<212> PRT

<213> Artificial

<220>

<223> CD23 binding peptide

<400> 31

His Glu Asn Trp Lys Ser
1 5

<210> 32

<211> 6

<212> PRT

<213> Artificial

<220>

<223> CD23 binding peptide

<220>

<221> misc_feature

<222> (5)..(5)
<223> Xaa can be 1-amino cyclopentane-1-carboxylic acid, beta alanine,
N-methyl glycine, or 1-(amino methyl) cyclopentane-1-carboxylic
acid

<400> 32

His Glu Asn Trp Xaa Ser
1 5

<210> 33
<211> 7
<212> PRT
<213> Artificial

<220>
<223> CD23 binding peptide

<400> 33

His Glu Asn Trp Pro Ser Gly
1 5

<210> 34
<211> 6
<212> PRT
<213> Artificial

<220>
<223> CD23 binding peptide

<400> 34

His Glu Asn Trp Gly Ser
1 5

<210> 35
<211> 6
<212> PRT
<213> Artificial

<220>
<223> CD23 binding peptide

<400> 35

His Glu Asn Trp Glu Ser
1 5

<210> 36
<211> 7
<212> PRT
<213> Artificial

<220>

<223> CD23 binding peptide

<400> 36

Phe His Glu Asn Trp Glu Ser
1 5

<210> 37

<211> 7

<212> PRT

<213> Artificial

<220>

<223> CD23 binding peptide

<400> 37

Phe His Glu Asn Trp Pro Ala
1 5

<210> 38

<211> 7

<212> PRT

<213> Artificial

<220>

<223> CD23 binding peptide

<400> 38

Phe His Glu Asn Trp Ala Ser
1 5

<210> 39

<211> 7

<212> PRT

<213> Artificial

<220>

<223> CD23 binding peptide

<400> 39

Phe His Glu Asn Ala Pro Ser
1 5

<210> 40

<211> 7

<212> PRT

<213> Artificial

<220>

<223> CD23 binding peptide

<400> 40

Phe His Glu Ala Trp Pro Ser
1 5

<210> 41

<211> 7

<212> PRT

<213> Artificial

<220>

<223> CD23 binding peptide

<400> 41

Phe His Ala Asn Trp Pro Ser
1 5

<210> 42

<211> 7

<212> PRT

<213> Artificial

<220>

<223> CD23 binding peptide

<400> 42

Phe Ala Glu Asn Trp Pro Ser
1 5

<210> 43

<211> 7

<212> PRT

<213> Artificial

<220>

<223> CD23 binding peptide

<220>

<221> misc_feature

<222> (6)..(6)

<223> Xaa can be beta alanine or the D-form of
proline

<400> 43

Phe His Glu Asn Trp Xaa Ser
1 5

<210> 44
<211> 6
<212> PRT
<213> Artificial

<220>
<223> CD23 binding peptide

<220>
<221> misc_feature
<222> (5)..(5)
<223> Xaa can be beta alanine, the D-form of
tryptophan, or tetrahydronorharman-3-carboxylic acid

<400> 44

Phe His Glu Asn Xaa Ser
1 5

<210> 45
<211> 7
<212> PRT
<213> Artificial

<220>
<223> CD23 binding peptide

<220>
<221> misc_feature
<222> (4)..(4)
<223> Xaa can be beta alanine or the D-form of
asparagine

<400> 45

Phe His Glu Xaa Trp Pro Ser
1 5

<210> 46
<211> 7
<212> PRT
<213> Artificial

<220>
<223> CD23 binding peptide

<220>
<221> misc_feature
<222> (3)..(3)
<223> Xaa is beta alanine

<400> 46

Phe His Xaa Asn Trp Pro Ser
1 5

<210> 47

<211> 7

<212> PRT

<213> Artificial

<220>

<223> CD23 binding peptide

<220>

<221> misc_feature

<222> (2)..(2)

<223> Xaa can be beta alanine or the D-form of
histidine

<400> 47

Phe Xaa Glu Asn Trp Pro Ser
1 5

<210> 48

<211> 6

<212> PRT

<213> Artificial

<220>

<223> CD23 binding peptide

<400> 48

His Glu Gln Trp Pro Ser
1 5

<210> 49

<211> 6

<212> PRT

<213> Artificial

<220>

<223> CD23 binding peptide

<400> 49

Arg Glu Asn Trp Pro Ser
1 5

<210> 50

<211> 6

<212> PRT
<213> Artificial

<220>
<223> CD23 binding peptide

<400> 50

His Gln Asn Trp Pro Ser
1 5

<210> 51
<211> 6
<212> PRT
<213> Artificial

<220>
<223> CD23 binding peptide

<220>
<221> misc_feature
<222> (5)..(5)
<223> Xaa is 1-amino cyclopentane-1-carboxylic acid

<400> 51

His Glu Gln Trp Xaa Ser
1 5

<210> 52
<211> 7
<212> PRT
<213> Artificial

<220>
<223> CD23 binding peptide

<400> 52

Ser Pro Trp Asn Glu His Phe
1 5

<210> 53
<211> 6
<212> PRT
<213> Artificial

<220>
<223> CD23 binding peptide

<400> 53

His Glu Asn Ala Pro Ser

1 5

<210> 54

<211> 5

<212> PRT

<213> Artificial

<220>

<223> CD23 binding peptide

<400> 54

His Glu Asn Trp Ser

1 5

<210> 55

<211> 5

<212> PRT

<213> Artificial

<220>

<223> CD23 binding peptide

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> Xaa is glycine with allyl group -CH₂-CH=CH₂

<220>

<221> MISC_FEATURE

<222> (4)..(4)

<223> Xaa is glycine with allyl group -CH₂-CH=CH₂

<400> 55

Xaa Asn Trp Xaa Ser

1 5

<210> 56

<211> 4

<212> PRT

<213> Artificial

<220>

<223> CD23 binding peptide

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> Xaa is glycine with allyl group -CH₂-CH=CH₂

<220>

<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa is glycine with allyl group -CH₂-CH=CH₂

<400> 56

Xaa Asn Trp Xaa
1

<210> 57
<211> 2
<212> PRT
<213> Artificial

<220>
<223> CD23 binding peptide

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is D-enantiomer of acetylated tryptophane

<220>
<221> MISC_FEATURE
<222> (2)..(2)
<223> Xaa is D-enantiomer of asparagine

<400> 57

Xaa Xaa
1

<210> 58
<211> 2
<212> PRT
<213> Artificial

<220>
<223> CD23 binding peptide

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is acetylated asparagine

<400> 58

Xaa Trp
1

<210> 59
<211> 2

<212> PRT
<213> Artificial

<220>
<223> CD23 binding peptide

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is D-enantiomer of acetylated asparagine

<220>
<221> MISC_FEATURE
<222> (2)..(2)
<223> Xaa is D-enantiomer of tryptophane

<400> 59

Xaa Xaa
1

<210> 60
<211> 3
<212> PRT
<213> Artificial

<220>
<223> CD23 binding peptide

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is acetylated asparagine

<220>
<221> MISC_FEATURE
<222> (3)..(3)
<223> Xaa is beta-alanine

<400> 60

Xaa Trp Xaa
1

<210> 61
<211> 5
<212> PRT
<213> Artificial

<220>
<223> CD23 binding peptide

<220>
<221> MISC_FEATURE
<222> (5)..(5)
<223> Xaa is amidated proline

<400> 61

His Glu Asn Trp Xaa
1 5